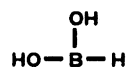


—, dimethyl-
anhydride with isocyanic acid —
see Borane, isocyanatodimethyl- [4426-16-8]
—, di-1-naphthalenyl-
anhydride — see Borane, oxybis(di-1-naphthalenyl)- [4426-20-4]
—, diphenyl-
anhydride — see Borane, oxybis(diphenyl)- [4426-21-5]
—, ethyl(1-ethyl-1-hydroxypropyl)-
bimol. cyclic ester —
see 1,4,2,5-Dioxadiborinane, 2,3,3,5,6,6-hexaethyl- [2767-28-4]
—, thio-
anhydrosulfide — see Borane, thiobis- [2859-40-2]
Boratriol
See 1,2-Ethanediol, 1-[(3R,4aS,5S,6aS,10aS,10bR)-dodecahydro-5-hydroxy-3,4a,7,7,10a-pentamethyl-1H-naphtho[2,1-b]pyran-3-yl]-, (1R)- [52591-03-4]
Borna disease virus
Bornane
See Bicyclo[2.2.1]heptane, 1,7,7-trimethyl- [464-15-3]
—, 2,6-epoxy-
See 4-Oxatricyclo[3.2.1.0^{3,6}]octane, 6,7,7-trimethyl- [21733-76-6]
8-Bornanesulfonic acid
See Bicyclo[2.2.1]heptane-7-methanesulfonic acid, 1,7-dimethyl- [5731-79-3]
10-Bornanesulfonic acid
See Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl- [5731-80-6]
2-Bornanone
See Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- [76-22-2]
2-Bornanone 5-exo-hydroxylase
See Oxygenase, camphor 5-mono- [9030-82-4]
Bornaprine
See Bicyclo[2.2.1]heptane-2-carboxylic acid, 2-phenyl-, 3-(diethylamino)propyl ester [20448-86-6]
Bornaprolol
See 2-Propanol, 1-(2-bicyclo[2.2.1]hept-2-ylphenoxy)-3-[(1-methylethyl)amino]- [66451-06-7]
Bornaviridae
Bornelone
See 3-Penten-2-one, 5-(3,3-dimethylbicyclo[2.2.1]hept-2-ylidene)- [2226-11-1]
Borneol
See Bicyclo[2.2.1]heptan-2-ol, 1,7,7-trimethyl-, (1R,2S,4R)-rel- [507-70-0]
(+)- — see Bicyclo[2.2.1]heptan-2-ol, 1,7,7-trimethyl-, (1R,2S,4R)- [464-43-7]
epi-Borneol
See Bicyclo[2.2.1]heptan-2-ol, 4,7,7-trimethyl-, (1R,2S,4R)-rel- [1686-28-8]
π-Borneol
See Bicyclo[2.2.1]heptane-7-methanol, 1,7-dimethyl- [6900-53-4]
Bornesitol
(-)- — see D-myo-Inositol, 1-O-methyl- [484-71-9]
(+)- — see D-myo-Inositol, 3-O-methyl- [22350-68-1]
Bornum 6101
See Phenol, polymers, polymer with formaldehyde [9003-35-4]
Bornylamine
See Bicyclo[2.2.1]heptan-2-amine, 1,7,7-trimethyl-, (1R,2S,4R)-rel- [464-42-6]
Bornyl bromide
See Bicyclo[2.2.1]heptane, 2-bromo-1,7,7-trimethyl-, (1R,2S,4R)-rel- [54825-45-5]
Bornyl chloride
See Bicyclo[2.2.1]heptane, 2-chloro-1,7,7-trimethyl-, (1R,2S,4R)-rel- [464-41-5]
Bornylene
See Bicyclo[2.2.1]hept-2-ene, 1,7,7-trimethyl- [464-17-5]
Bornylic acid
See Bicyclo[2.2.1]heptane-2-carboxylic acid, 1,7,7-trimethyl-, (1R,2R,4S)-rel- [6703-30-6]
Bornyl pyrophosphate synthase
See Cyclase, geranyl diphosphate [72668-91-8]
Borocaptate sodium B 10
See Dodecaborate(2-)-¹⁰B₁₂, 1,2,3,4,5,6,7,8,9,10,11-undecahydro-12-mercapto-, disodium [12448-24-7]
Borofen BPF 70
See Phenol, polymers, polymer with formaldehyde [9003-35-4]
Borofen DL 702
See Phenol, polymers, polymer with formaldehyde [9003-35-4]
Borofen DX 26
See Phenol, polymers, polymer with formaldehyde [9003-35-4]
Boroflex
See Synthetic rubber, boron-contg.
Borofloat
See Borosilicate glasses
Borogard ZB
See Boron zinc oxide (B₆Zn₂O₁₁) [12767-90-7]
Borohexamine
See Boric acid (H₃BO₃), compounds, compd. with 1,3,5,7-tetraazatricyclo[3.3.1.1^{3,7}]decane [17805-73-1]
Borohydride
See Borate(1-), tetrahydro- [16971-29-2]
Borol
See Borate(1-), tetrahydro-, sodium [16940-66-2]
Borolanite
Borole
—, tetrahydro-
See Borolane [1692-31-5]
Borolife
See Dodecaborate(2-)-¹⁰B₁₂, 1,2,3,4,5,6,7,8,9,10,11-undecahydro-12-mercapto-, disodium

[12448-24-7]
Borolit
See Borate(1-), tetrafluoro-, ammonium, mixt. with arsenic acid (H₃AsO₄) monosodium salt and chromic acid (H₂Cr₂O₇) disodium salt [70028-43-2]
Boromycin
See Borate(1-), [(1R)-1-[(1R,2R,5S,6R,8R,12R,14S,17R,18R,19R,22S,24Z,28S,30S,33R)-1,2,18,19-tetra(hydroxy-κO)-12,28-dihydroxy-6,13,13,17,29,29,33-heptamethyl-3,20-dioxo-4,7,21,34,35-pentaoxatetracyclo[28.3.1.1^{5,8}.114,18]-hexatriacont-24-en-22-yl]ethyl D-valinato-(4-)]-, hydrogen, (T-4)- [34524-20-4]
Boron
ion(3-) — see Boride [24389-64-8]
Boron, properties
isotope of mass 11, NMR of
see also
NMR (nuclear magnetic resonance)
NMR spectroscopy
boron-11
Boron, reactions
cementation with — see also Boronizing
Boron, compounds
See also Boron alloy
acids — see also Acids, boron acids
hydrides — see also Boranes and headings for specific boron hydrides
Boron
—, di-μ-amidotetrahydrodi-
See Diborane(6), di-μ-amino- [15525-20-9]
—, [(2,2,2"-nitritotris[ethanolato]](3-))-
See 2,8,9-Trioxa-5-aza-1-borabicyclo[3.3.3]-undecane [283-56-7]
Boron(1+)
—, diphenyl-
oxide (2:1) — see Borane, oxybis(diphenyl)- [4426-21-5]
Boron acetate ((AcO)₂B₂O)
See Acetic acid, anhydrides, tetraanhydride with boric acid (H₄B₂O₅) [5187-37-1]
Boron acetate (B(OAc)₃)
See Acetic acid, anhydrides, trianhydride with boric acid (H₃BO₃) [4887-24-5]
Boron amide
See Boranetriamine [14939-14-1]
Boronates
See Boronic acid [13780-71-7]
Boron bromide (BBr₃)
See Borane, tribromo- [10294-33-4]
Boron bromide (B₁₀Br₉)
See Decaborane(8), octabromo- [12513-33-6]
Boron carbide (B₄C) [12069-32-8]
Studies of unspecified boron carbides are also indexed at this heading. Species with other molecular formulas are indexed at their own headings
Boron chloride (BCl₃)
See Borane, trichloro- [10294-34-5]
Boron chloride (B₁₀Cl₉)
See Decaborane(8), octachloro- [12513-34-7]
Boron chloride oxide (B₃O₃Cl₃)
See Boroxin, trichloro- [13703-91-8]
Boron fibers
Valid heading during volumes 126-130 (1997-June 1999) only
See Synthetic fibers, boron
Boron fluoride (BF₃)
See Borane, trifluoro- [7637-07-2]
Boron fluoride oxide (B₃O₃F₃)
See Boroxin, trifluoro- [13703-95-2]
Boron hydride (BH)
See Borane(1) [13766-26-2]
Boron hydride (BH₃)
See Borane [13283-31-3]
Boron hydride (B₂H₄)
See Diborane(4) [18099-45-1]
Boron hydride (B₂H₆)
See Diborane(6) [19287-45-7]
Boron hydride (B₃H₇)
See Triborane(7) [12429-70-8]
Boron hydride (B₄H₁₀)
See Tetraborane(10) [18283-93-7]
Boron hydride (B₅H₉)
See Pentaborane(9) [19624-22-7]
Boron hydride (B₅H₁₁)
See Pentaborane(11) [18433-84-6]
Boron hydride (B₆H₁₀)
See Hexaborane(10) [23777-80-2]
Boron hydride (B₈H₁₂)
See Octaborane(12) [19469-16-0]
Boron hydride (B₉H₁₅)
See Nonaborane(15) [19465-30-6]
Boron hydride (B₁₀H₁₄)
See Decaborane(14) [17702-41-9]
Boronialatenolide
See Furo[3',4':5,6]naphth[2,1-c]oxireno[d]pyran-3,9-(3aH,4bH)-dione, 9a-acetyl-5-(acetyloxy)-1-(2,5-dihydro-5-hydroxy-2-oxo-3-furanyl)-decahydro-4b,7,7,11a-tetramethyl- [157878-16-5]
Boronic acid [13780-71-7]



Studies of unspecified boronic acids and HB(OH)₂ are indexed at this heading. Species with other molecular formulas are indexed at their own headings. Derivatives of boronic acid were indexed at such headings as Benzeneboronic acid and 2-Propaneboronic acid prior to Volume 76. These compounds are now indexed at Boronic acid, phenyl- and Boronic acid, (1-methylethyl)-, respectively. Cyclic derivatives are indexed at the ring names; thus, the trimolecular anhydride of phenylboronic acid is indexed at Boroxin, triphenyl-, and the cyclic 1,2-ethanediyl ester of ethylboronic acid at 1,3,2-Dioxaborolane, 2-ethyl-

—, [2-(carboxyamino)ethyl]-
See Carbamic acid, (2-boronoethyl)- [6536-92-1]
—, [3-(carboxyamino)propyl]-
See Carbamic acid, (3-boronopropyl)- [6536-93-2]
—, (2'-hydroxy[1,1'-biphenyl]-2-yl)-
intramol. ester — see 6H-Dibenz[c,e][1,2]oxaborin, 6-hydroxy- [14205-96-0]
—, (hydroxymethyl)-
bimol. cyclic ester —
see 1,4,2,5-Dioxadiborinane, 2,5-dihydroxy- [13536-41-9]
—, phenyldithio-
cyclic 1,2-phenylene ester —
see 1,3,2-Benzodithiaborole, 2-phenyl- [20534-18-3]
—, propyl-
trimol. cyclic anhydride —
see Boroxin, tripropyl- [7325-08-8]
Boron iodide (B₁₀I₉)
See Decaborane(8), octaiodo- [12513-38-1]
Boron isocyanate
See Borane, triisocyanato- [4756-61-0]
Boronizing
Boron neutron capture therapy
Valid heading during volumes 126-130 (1997-June 1999) only
See Radiotherapy, boron-neutron capture
Boron nitride (BN) [10043-11-5]
Studies of unspecified boron nitrides are also indexed at this heading. Species with other molecular formulas are indexed at their own headings
Boronolide
See 2H-Pyran-2-one, 5,6-dihydro-6-[(1R,2R,3S)-1,2,3-tris(acetyloxy)heptyl]-, (6R)- [33903-83-2]
Boronophthalide
See 2,1-Benzoxaborole, 1,3-dihydro-1-hydroxy- [5735-41-1]
Boronophthalide anhydride
See 2,1-Benzoxaborole, 1,1'-oxybis[1,3-dihydro- [5735-42-2]
Boron ores
Boron oxide (B₂O₃) [1303-86-2]
Studies of unspecified boron oxides are also indexed at this heading. Species with other molecular formulas are indexed at their own headings
Boron phosphate (B(PO₄)) [13308-51-5]
Studies of unspecified boron phosphates are also indexed at this heading. Species with other molecular formulas are indexed at their own headings
Boron phosphide (BP) [20205-91-8]
Studies of unspecified boron phosphides are also indexed at this heading. Species with other molecular formulas are indexed at their own headings
Boron sodium oxide (B₄Na₂O₇)
decahydrate — see Borax (B₄Na₂O₇·10H₂O) [1303-96-4]
Borophosphosilicate glasses
Borophycin
See Borate(1-), [(1R,2R,5S,7Z,11S,15S,18R,19R,20R,23S,25Z,29S,33S,36R)-5,23-diethyl-1,2,19,20-tetra(hydroxy-κO)-11,29-dihydroxy-14,14,18,32,32,36-hexamethyl-4,22,37,38-tetraoxatricyclo[31.3.1.1^{15,19}]octatriaconta-7,25-diene-3,13,21,31-tetronato(4-)]-, sodium, (T-4)- [156466-52-3]
Boroscapal
See Benzeneacetic acid, α-(hydroxymethyl)-, (1α,2β,4β,5α,7β)-9-methyl-3-oxa-9-azatricyclo-[3.3.1.0^{2,4}]non-7-yl ester, (αS)-, compd. with boric acid (H₃BO₃) [63956-39-8]
Borosilicate crown glasses
See Borosilicate glasses, crown
Borosilicate glass
See Borosilicate glasses
Borosilicate glasses
See also narrower:
Aluminoborosilicate glasses
Borophosphosilicate glasses
See also related: Borosilicates
Borosilicates
See also narrower: Borosilicate zeolites
See also related: Borosilicate glasses
Borosilicate zeolites
Boro-Silicone
See Silicone rubber, boroxane-
Boroxanes
See also related: Organometallic compounds
4,3-Boroxarisoquinoline
See 1H-2,3,1-Benzoxazaborine [253-27-0]
10,9-Boroxarophenanthrene
See 6H-Dibenz[c,e][1,2]oxaborin [229-64-1]
4,5-Boroxarothieno[2,3-c]pyridine
See 1H-Thieno[2,3-d][1,2,6]oxazaborine [7644-84-0]
Boroxin
—, triferrocenyl-
See Ferrocene, 1,1',1''-(2,4,6-boroxintriyl)tris- [12157-21-0]
—, trihydroxy-
See Boric acid (H₃B₃O₆) [13460-51-0]
Boroxole
See Boroxin [289-56-5]
Borrebond powder
See Lignosulfonic acid, calcium salt [8061-52-7]
Borrecapine
See Methanone, [3-ethenyl-3-methyl-5-(2-methyl-1-propenyl)-2-pyrrolidinyl]-1H-indol-3-yl-, (2α,3α,5α)-(-)- [66408-14-8]
Borrecoxine
See Methanone, [5-(3,3-dimethylloxiranyl)-3-ethenyl-3,4-dihydro-3-methyl-2H-pyrrol-2-yl]-1H-indol-3-yl- [80733-92-2]
Borrelidin
See Cyclopentanecarboxylic acid, 2-[(2S,4E,6Z,8R,9S,11R,13S,15S,16S)-7-cyano-8,16-dihydroxy-9,11,13,15-tetramethyl-18-oxooxacyclooctadeca-4,6-dien-2-yl]-, (1R,2R)- [7184-60-3]
Borrelidinic acid
See Cyclopentanecarboxylic